

IAP20 Rec'd 16 DEC 2005

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT		Docket Number 13101/49101	
Application Number 107261084 Not Yet Assigned	Filing Date December 16, 2005	Examiner Not Yet Assigned	Art Unit Not Yet Assigned
Title PLANT LIMIT DEXTRINASE INHIBITOR		Applicant(s) MORRIS and STAHL	

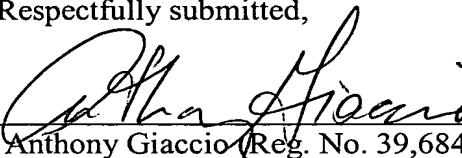
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorney(s) for Applicant(s) hereby bring the reference(s) listed on the attached modified PTO Form No. 1449 to the attention of the Examiner. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated.
3. The filing of this Information Disclosure Statement and the enclosed PTO Form-1449 shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. §1.56(a).

Respectfully submitted,

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Dated: December 16, 2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449	DOCKET NO. 13101/49101	SERIAL NO. Not Yet Assigned
	APPLICANT MORRIS and STAHL	
	FILING DATE December 16, 2005	GROUP Not Yet Assigned

20/561084

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/PUBLICATION NUMBER	PATENT/PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,429,358	August 6, 2002	Broglie			
	2003 0126633	July 3, 2003	Uwer et al.			
	2003 0200564	October 23, 2003	Burrell et al.			
	2003 0177532	September 18, 2003	Burrell et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
	WO 98/50562	November 12, 1998	PCT				
	WO 02/101059	December 19, 2002	PCT				
	WO 03/014365	February 20, 2003	PCT				
	WO 03/035874	May 1, 2003	PCT				

## OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	MacGregor et al., 2000, "Structural Models of Limit Dextrinase Inhibitors from Barley", J. Cereal Sci. 31:79-90
	Lazaro et al., 1988, "Signal Peptide Homology between the Sweet Protein Thaumatin II and Unrelated Cereal $\alpha$ -Amylase/Trypsin Inhibitors", FEBS Letters 239:147-150
	Dinges et al., 2003, "Mutational Analysis of the Pullulanase-Type Debranching Enzyme of Maize Indicates Multiple Functions in Starch Metabolism", The Plant Cell 15:666-680
	Slattery et al., 2000, "Engineering Starch for Increased Quantity and Quality", Trends in Plant Sci. 5(7):291-298
	Fujita et al., 2003, "Antisense Inhibition of Isoamylase Alters the Structure of Amylopectin and the Physicochemical Properties of Starch in Rice Endosperm", Plant Cell Physiol. 44(6):607-618
	James et al., 1995, "Characterization of the Maize Gene sugary1, a Determinant of Starch Composition in Kernels", The Plant Cell 7:417-429
	MacGregor, 2004, "The Proteinaceous Inhibitor of Limit Dextrinase in Barley and Malt", Biochimica et Biophysica Acta 1696:165-170
	Stahl et al., 2004, "Antisense Downregulation of the Barley Limit Dextrinase Inhibitor Modulates Starch Granule Size Distribution, Starch Composition and Amylopectin Structure", The Plant J. 39:599-611
	International Search Report of PCT/GB2004/002583 dated October 8, 2004.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	